

*CLAIM AMENDMENTS*

1. (Currently Amended) A chemical processor comprising:  
a chemical processing cup, in which a member-to-be-processed is to be placed; and  
a pumping device for circulating a liquid chemical ~~within~~ through said chemical processing cup, wherein the member-to-be-processed has a surface-to-be-processed which is placed face up in said chemical processing cup, said surface-to-be-processed ~~is being~~ chemically processed while the liquid chemical is circulated ~~along~~ generally parallel to the surface-to-be-processed in substantially a single direction at all times and at a velocity gradient of at least 300/second.

2. (Currently Amended) ~~The A~~ A chemical processor ~~according to claim 1, wherein~~ comprising:

a chemical processing cup, in which a member-to-be-processed is to be placed, said chemical processing cup includes including a chemical inlet port and a chemical drain port, and including ;

a pumping device for circulating a liquid chemical within said chemical processing cup, wherein the member-to-be-processed has a surface-to-be-processed which is placed face up in said chemical processing cup, said surface-to-be-processed being chemically processed while the liquid chemical is circulated along the surface-to-be-processed in substantially a single direction at all times and at a velocity gradient of at least 300/second; and

a regulation member regulating effective aperture area and located at said chemical drain port.

3. (Previously Presented) The chemical processor according to claim 1, including a flow rate regulation plate opposing the surface-to-be-processed and located in said chemical processing cup.

Claims 4-11 (Cancelled)